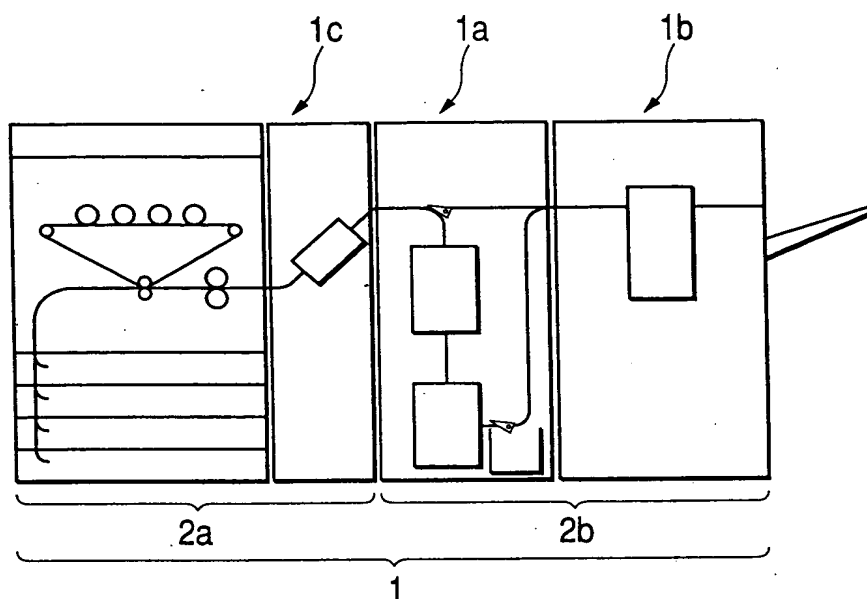




**FIG. 1A**



**FIG. 1B**

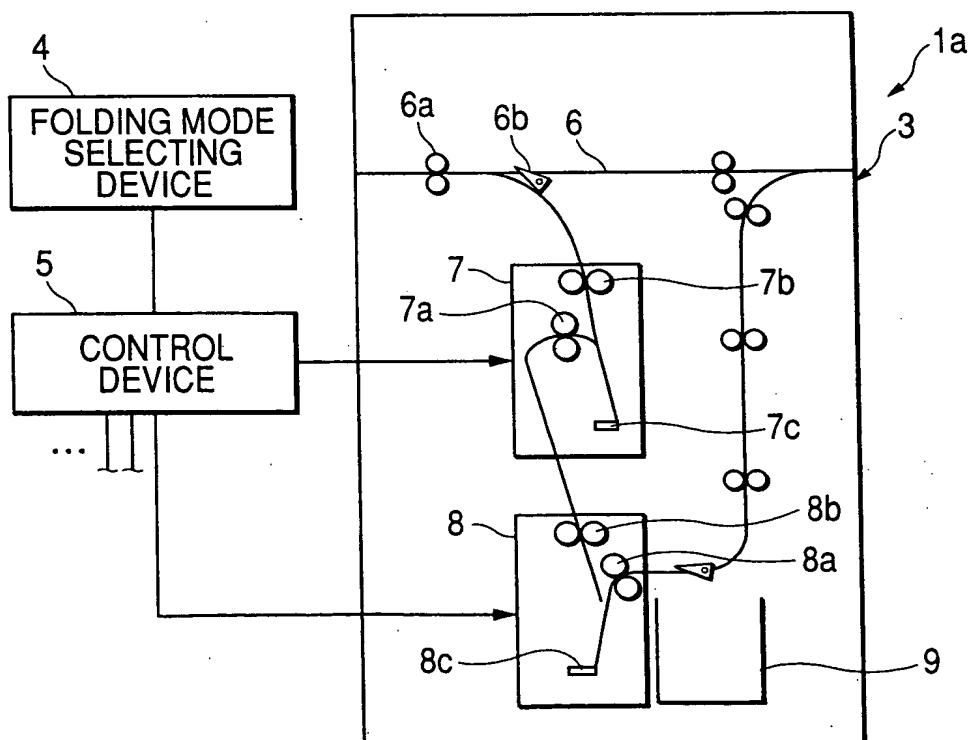


FIG. 2






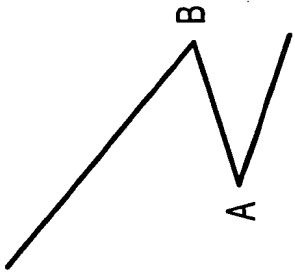
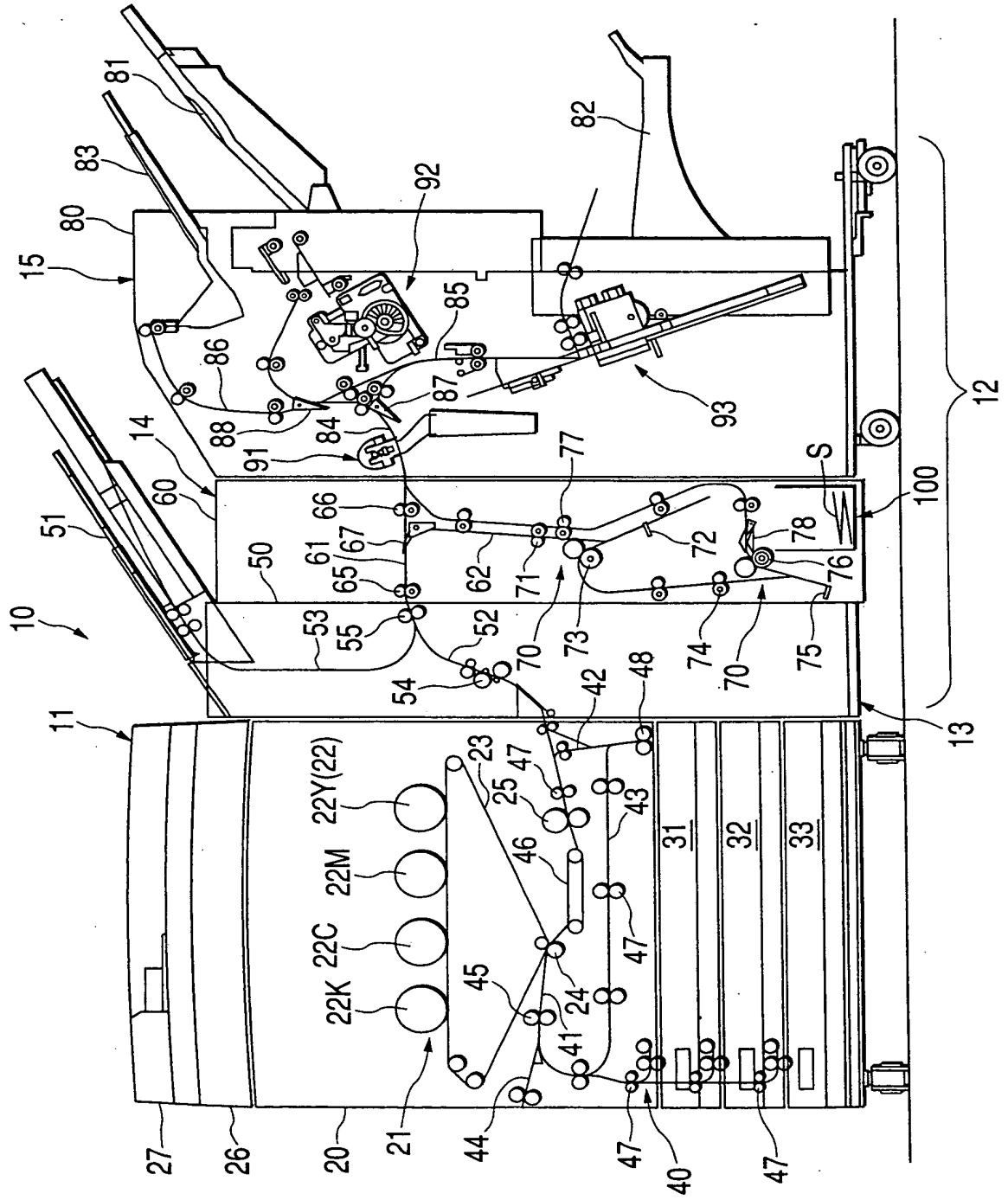
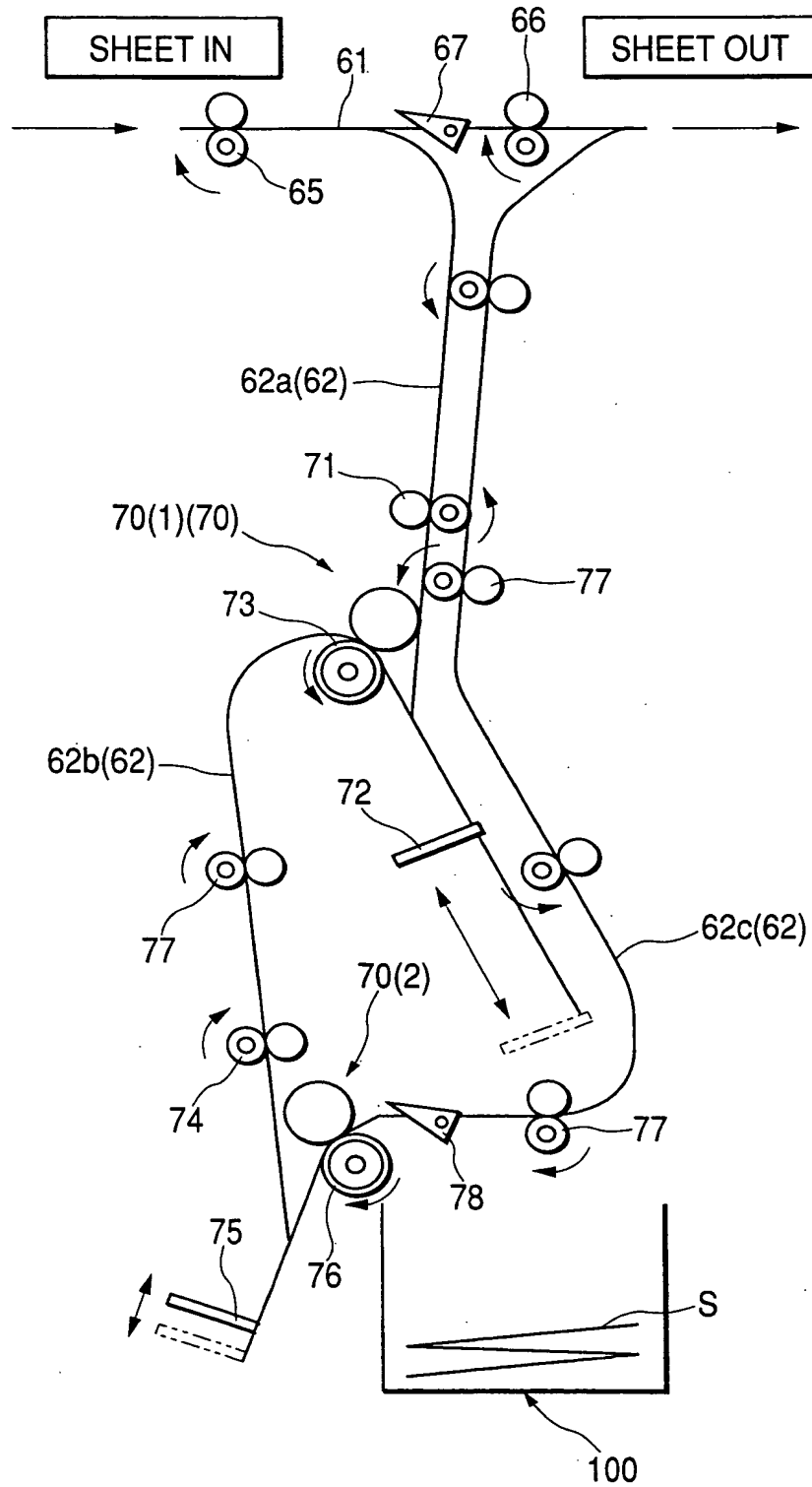
	LETTER FOLDING		Z-FOLDING
	LETTER Z-FOLDING	LETTER C-FOLDING	
FORM			
FOLDING SEQUENCE	 (EXAMPLE FACE-DOWN) DISCHARGING	 (EXAMPLE FACE-UP) DISCHARGING	 (EXAMPLE FACE-DOWN) DISCHARGING

FIG. 3

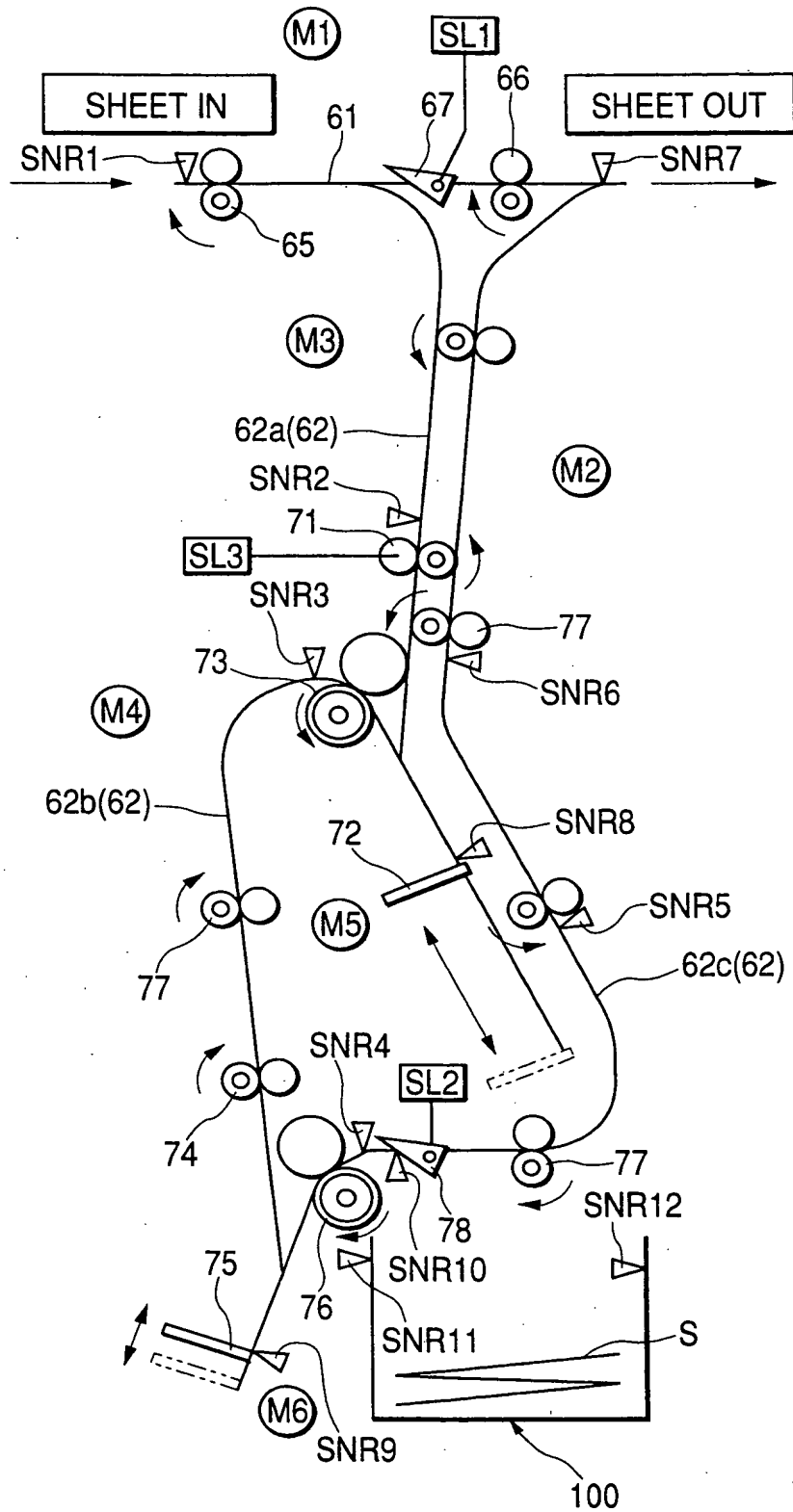


**FIG. 4**



5 / 23

FIG. 5



This schematic diagram illustrates a multi-stage liquid chromatography system. A main vertical line represents the flow path, with several horizontal branches. At the top, a long horizontal line labeled 'L' with an arrow pointing left indicates the inlet flow. This line branches off to a horizontal line labeled 'L1' which passes through a pair of rollers (65). The flow then continues down the vertical line, passing through a pair of rollers (71). Below this, the flow passes through a column labeled 'A' (73). The vertical distance between the rollers (71) and column (A) is labeled 'L2'. The flow then passes through another column labeled 'B' (76). The vertical distance between column (A) and column (B) is labeled 'L3'. Below column (B), the flow passes through a pair of rollers (74). The vertical distance between column (B) and rollers (74) is labeled 'L5'. The flow then passes through a final pair of rollers (75). The vertical distance between rollers (74) and rollers (75) is labeled 'L6'. A horizontal line labeled 'L4' branches off to the left from the vertical line between rollers (71) and column (A). A horizontal line labeled 'L3' branches off to the right from the vertical line between column (A) and column (B). A horizontal line labeled 'L5' branches off to the right from the vertical line between rollers (74) and rollers (75). A horizontal line labeled 'L6' branches off to the right from the vertical line between rollers (75) and the bottom. A dashed rectangle is shown on the vertical line between column (A) and column (B). A dashed rectangle is shown on the vertical line between rollers (74) and rollers (75). A dashed rectangle is shown on the horizontal line labeled 'L3'. A dashed rectangle is shown on the horizontal line labeled 'L5'. A dashed rectangle is shown on the horizontal line labeled 'L6'. Arrows indicate the flow direction: down the main vertical line, and left or right along the horizontal branches. A small upward arrow is shown near the bottom of the vertical line.

FIG. 7A

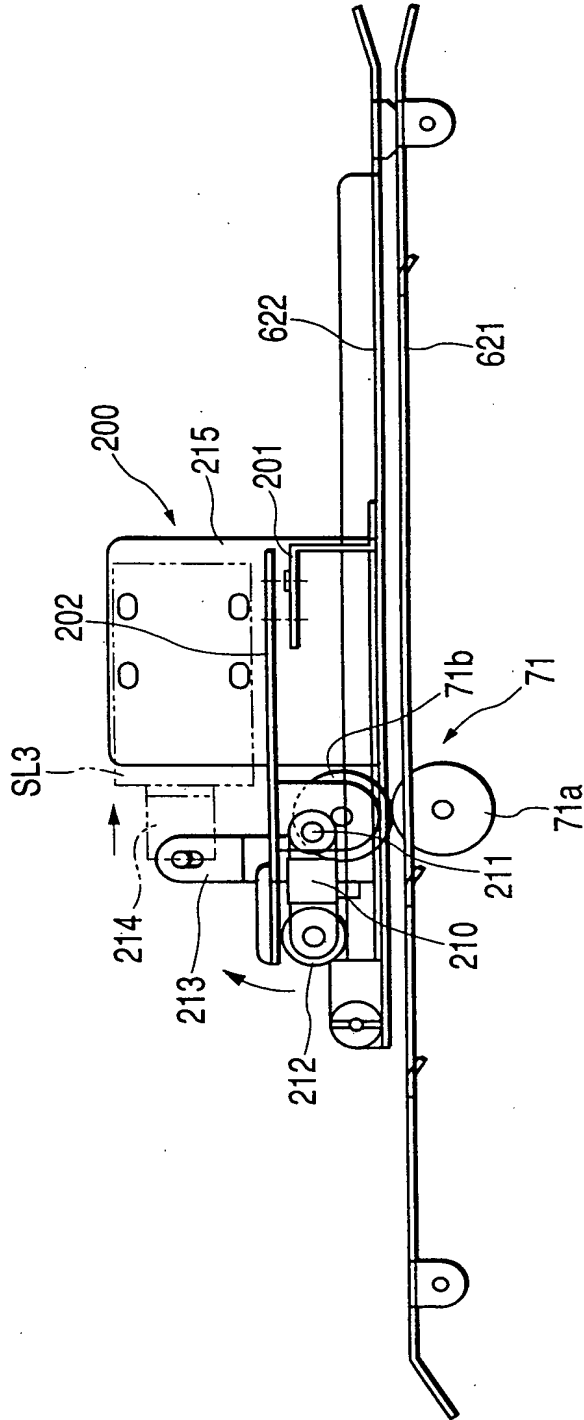
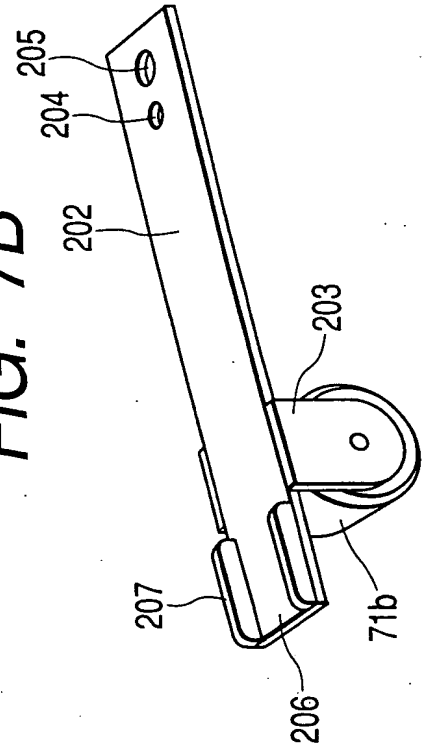
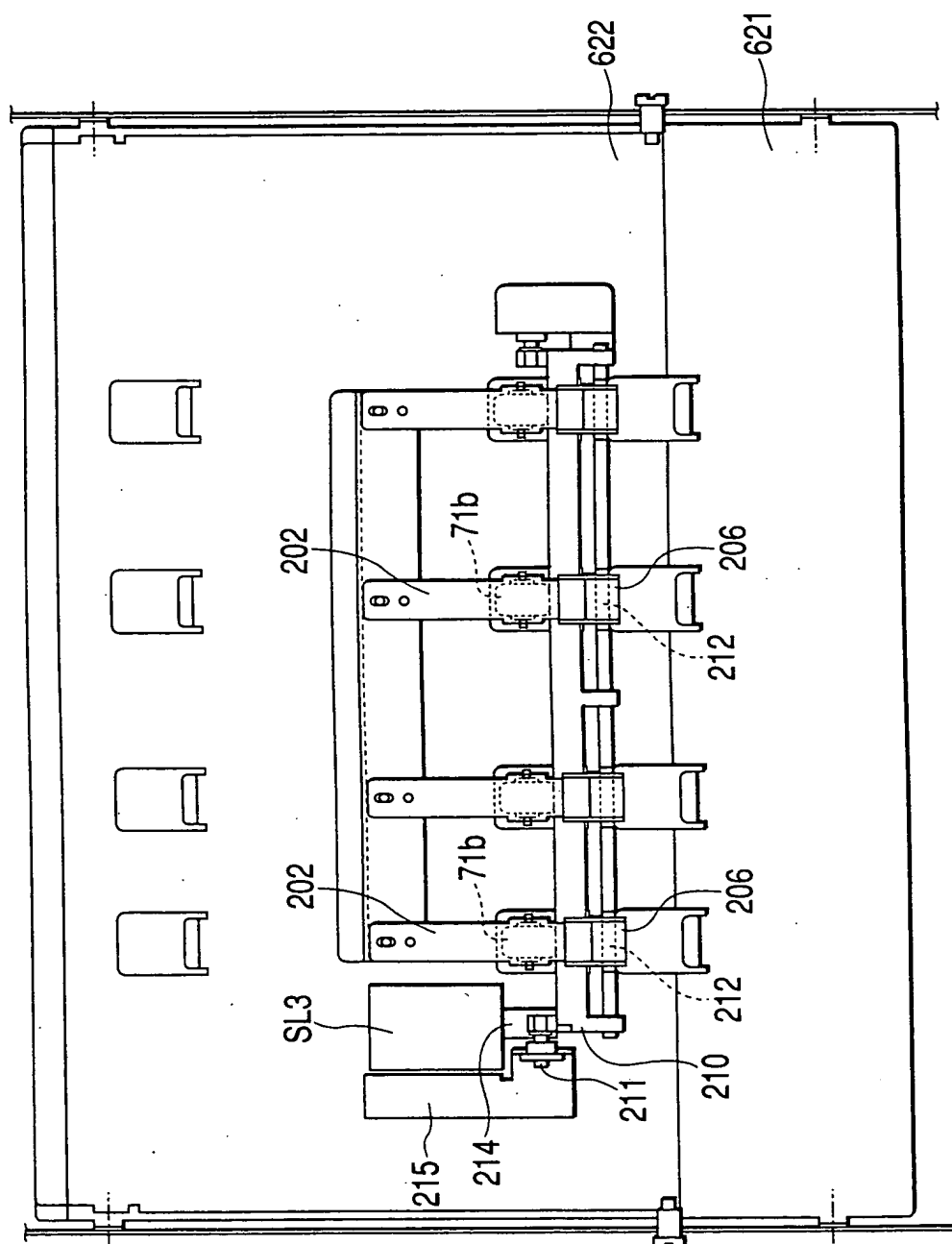


FIG. 7B



**FIG. 8**





9 / 23

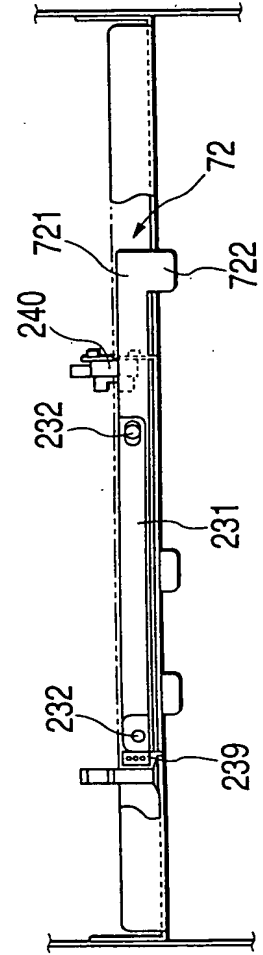
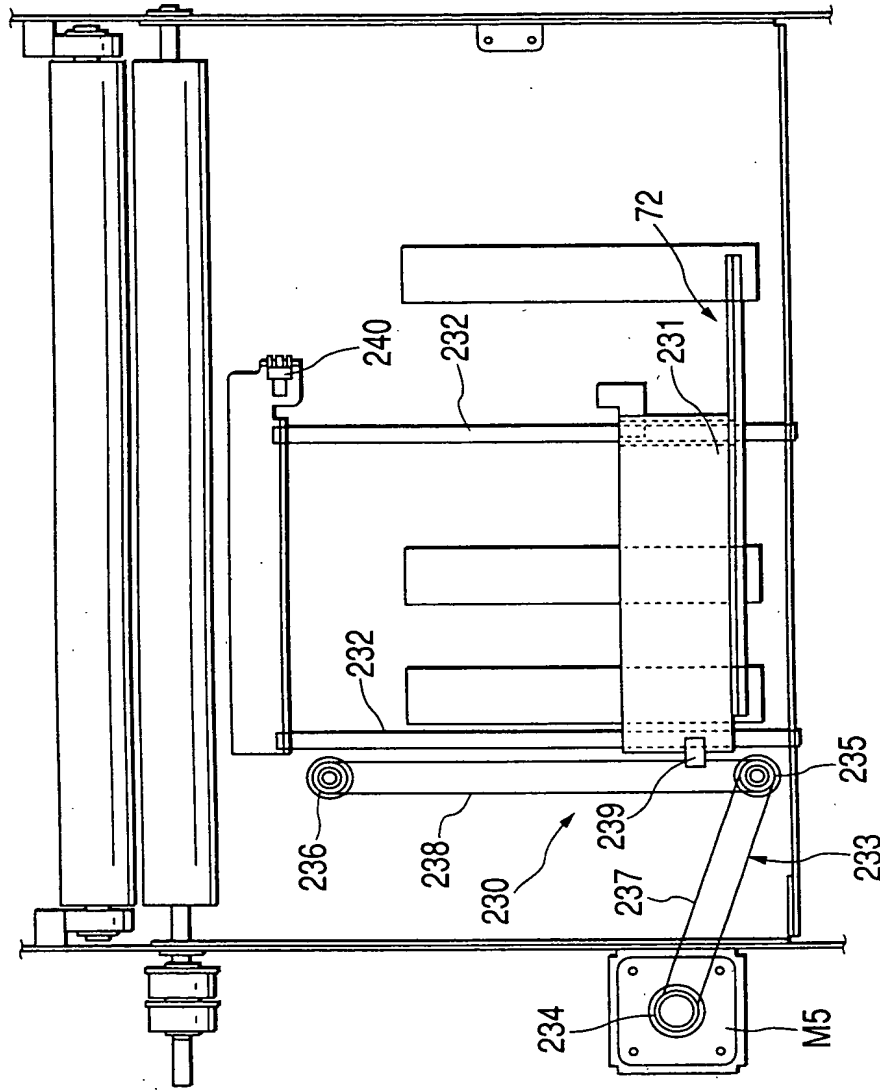


FIG. 10A

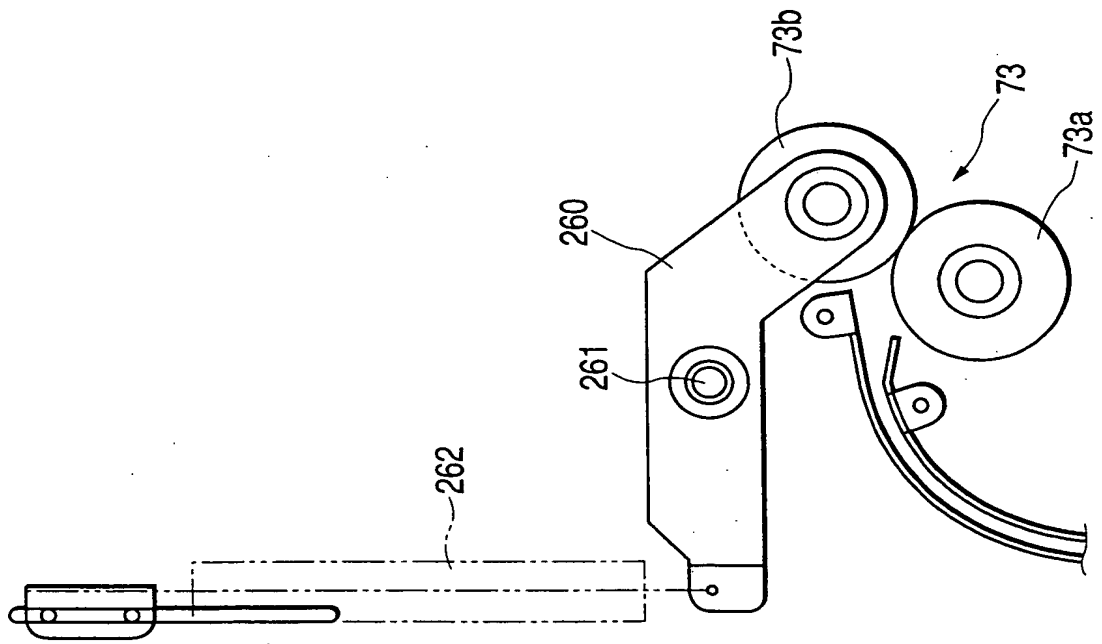
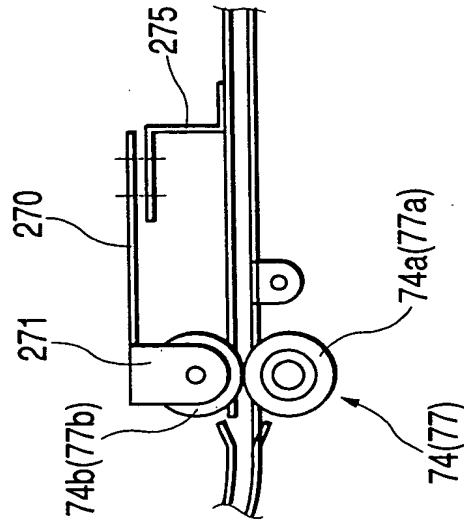
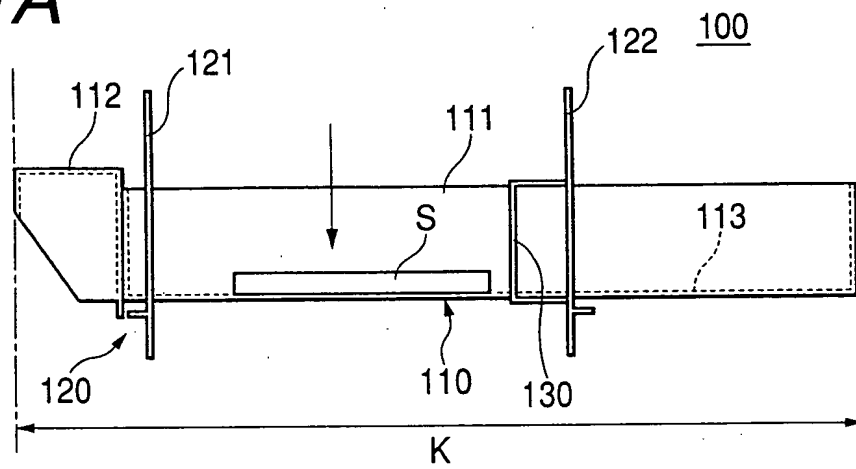


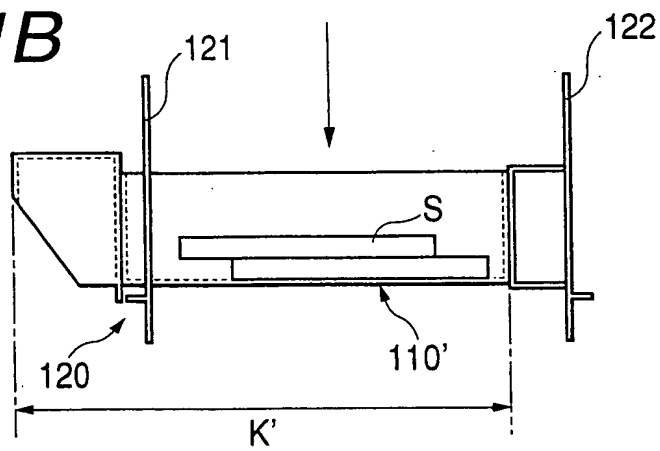
FIG. 10B



**FIG. 11A**

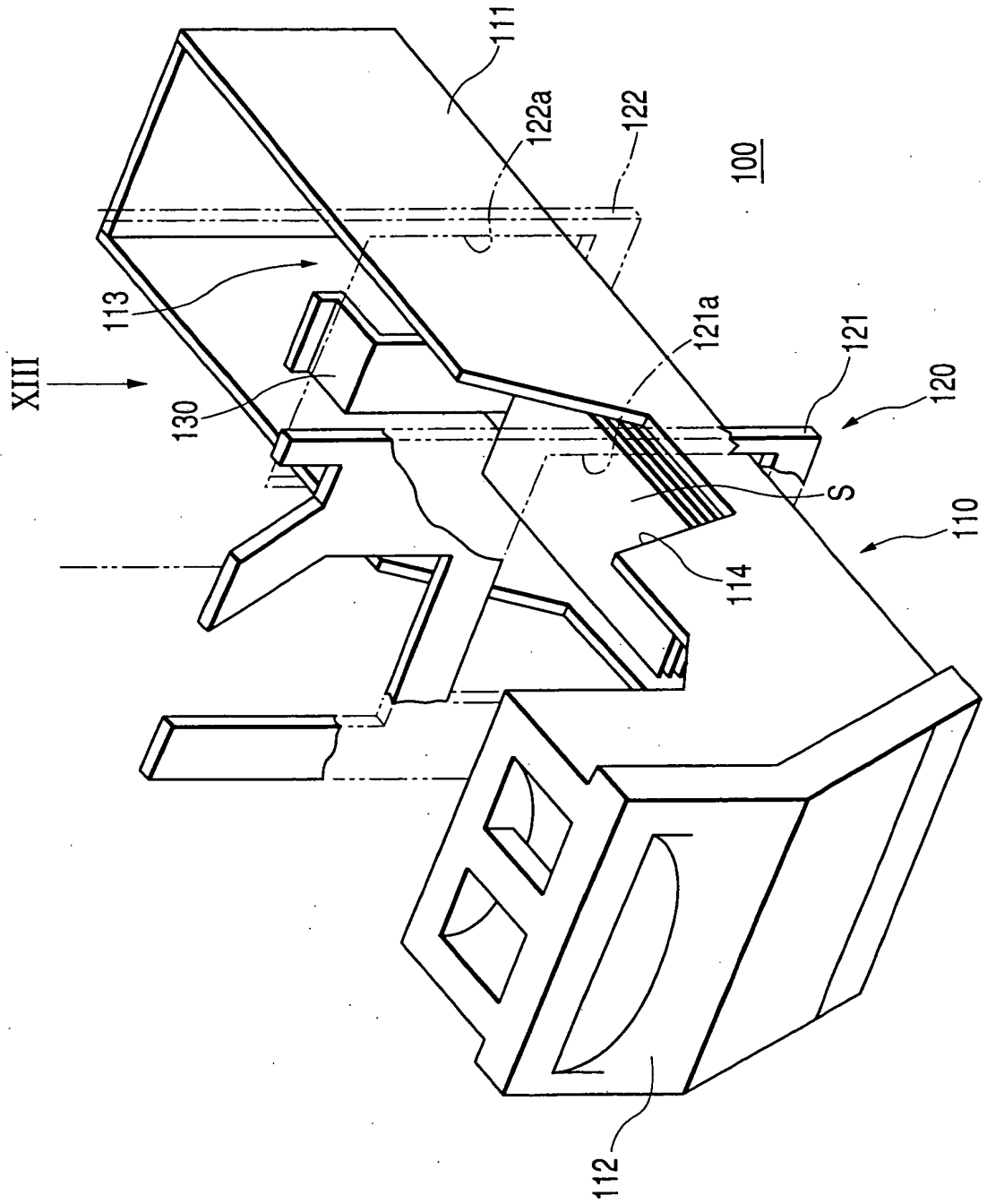


**FIG. 11B**



12 / 23

FIG. 12



13 / 23

FIG. 13A

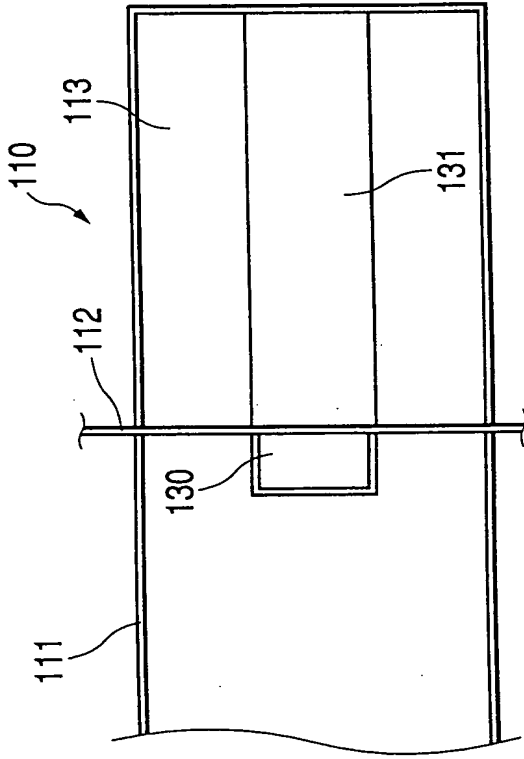


FIG. 13B

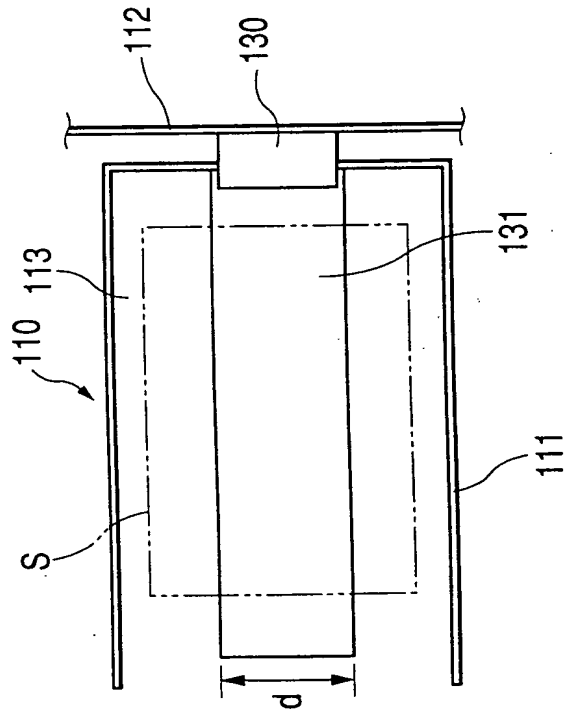
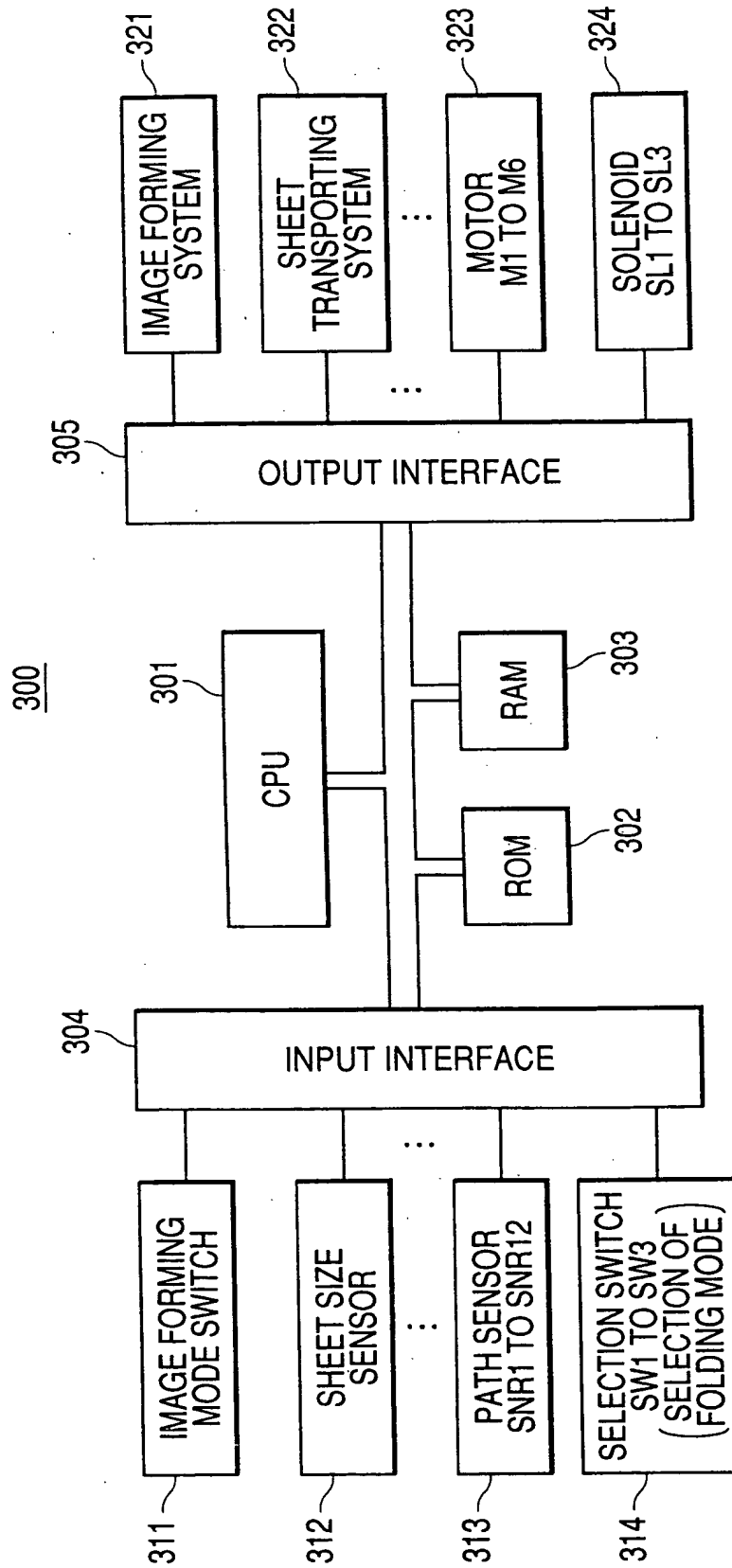


FIG. 14



15 / 23

FIG. 15C

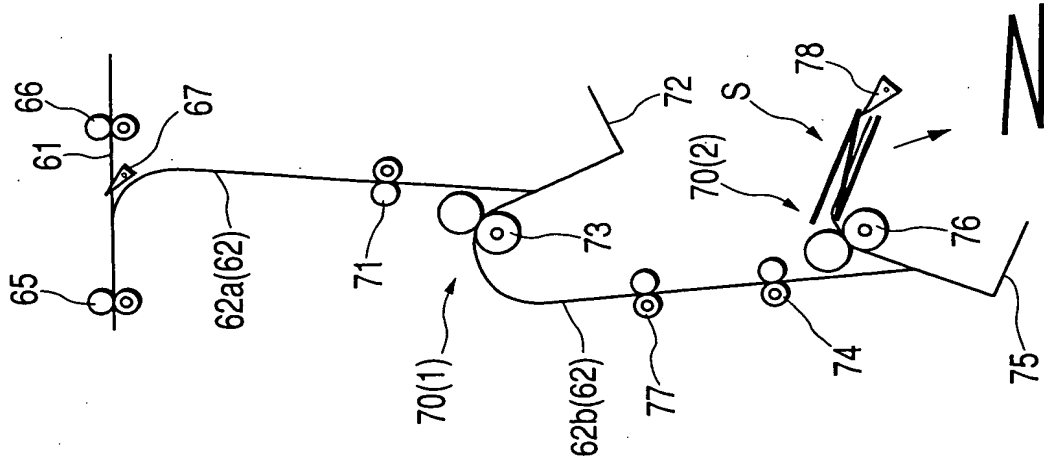


FIG. 15B

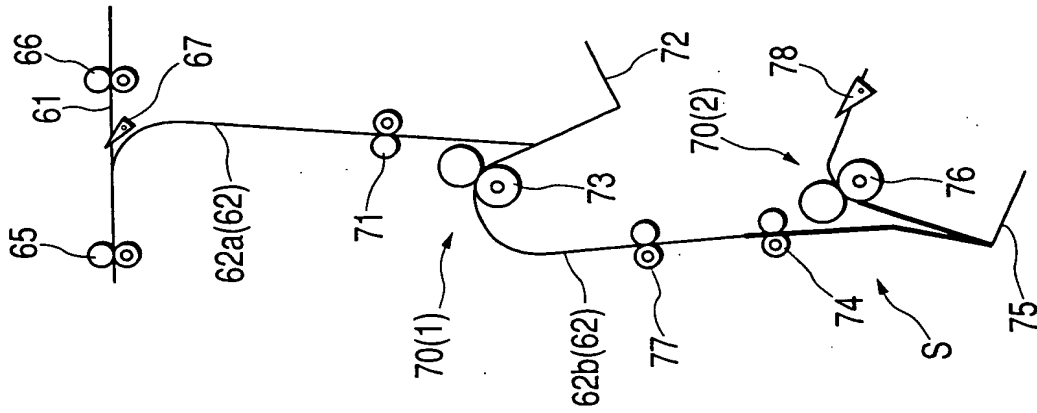
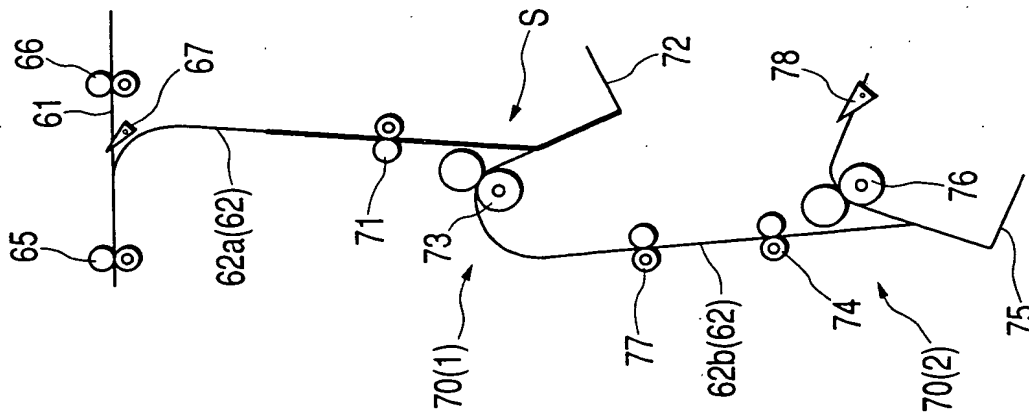


FIG. 15A







**FIG. 17C**

**FIG. 17B**

**FIG. 17A**

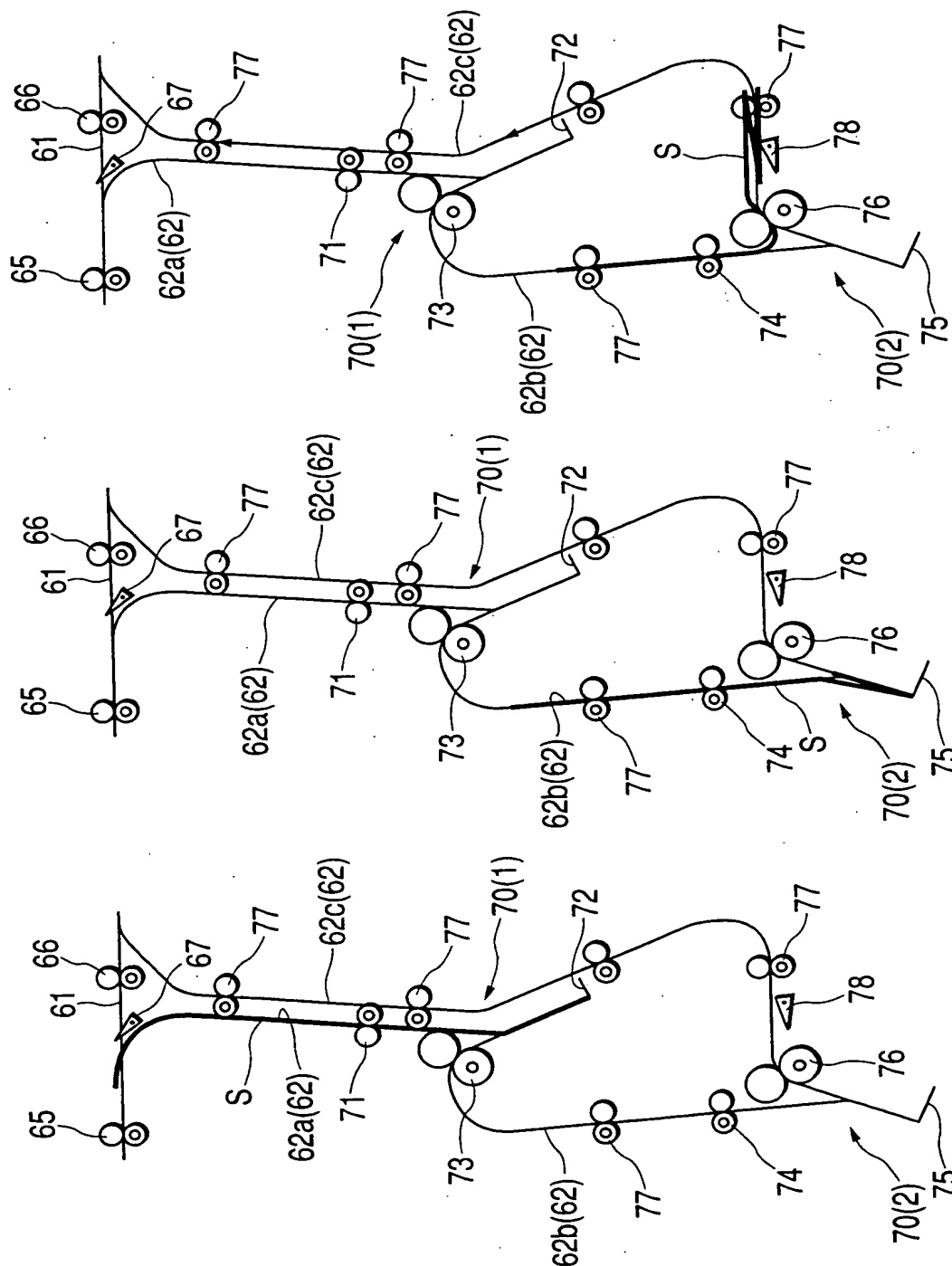
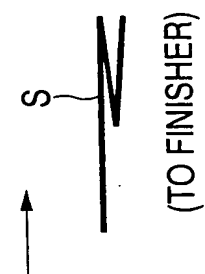


FIG. 18

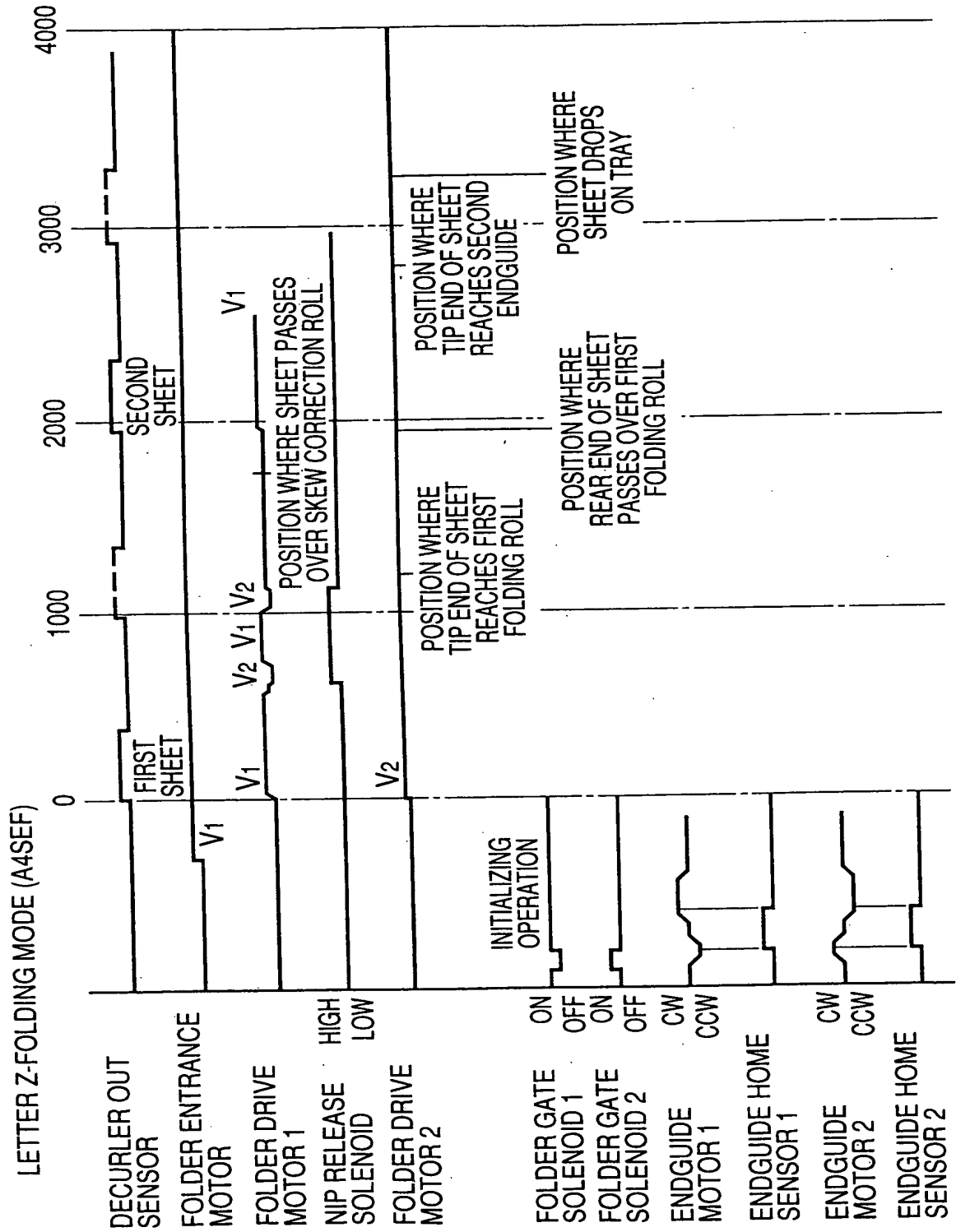


FIG. 19

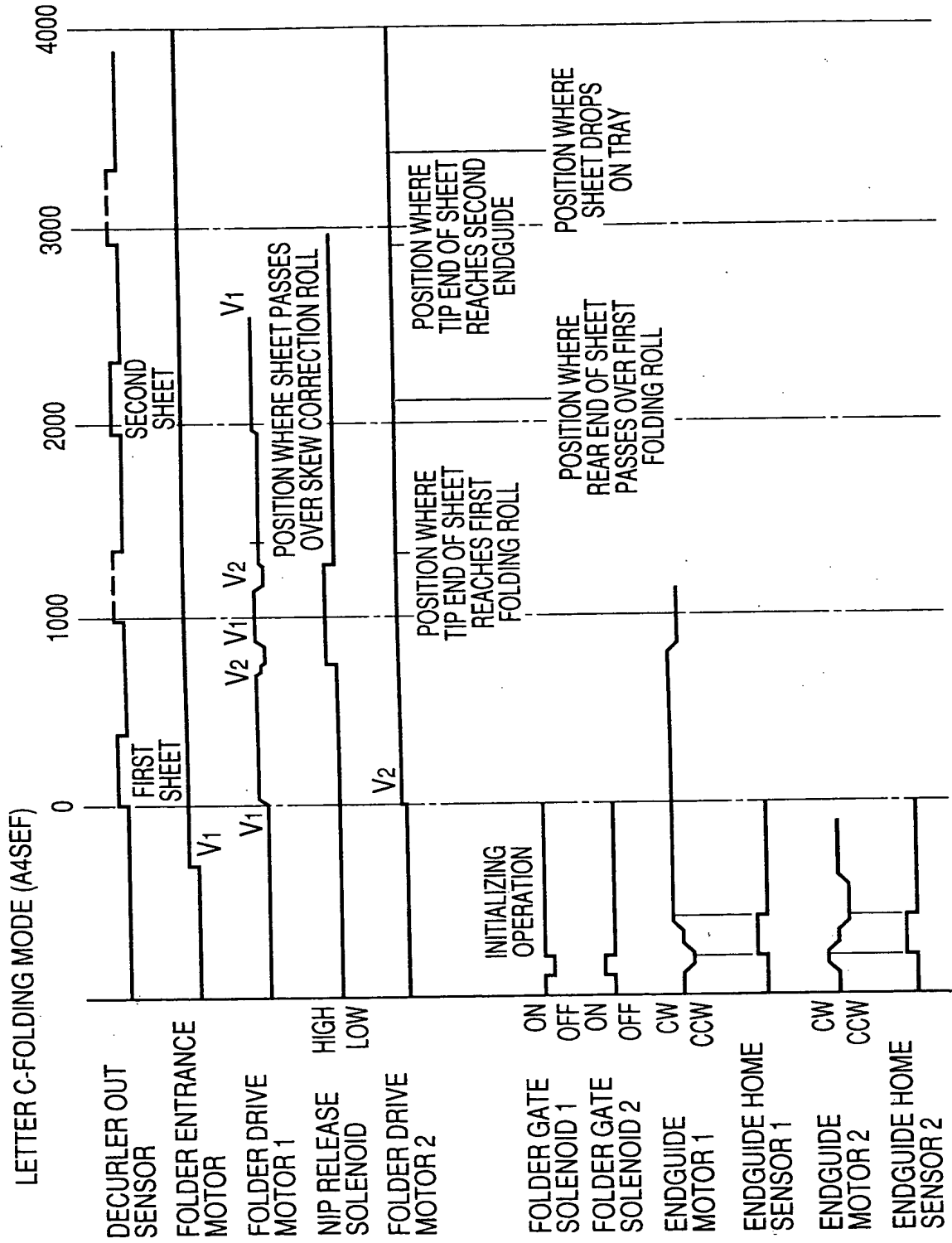
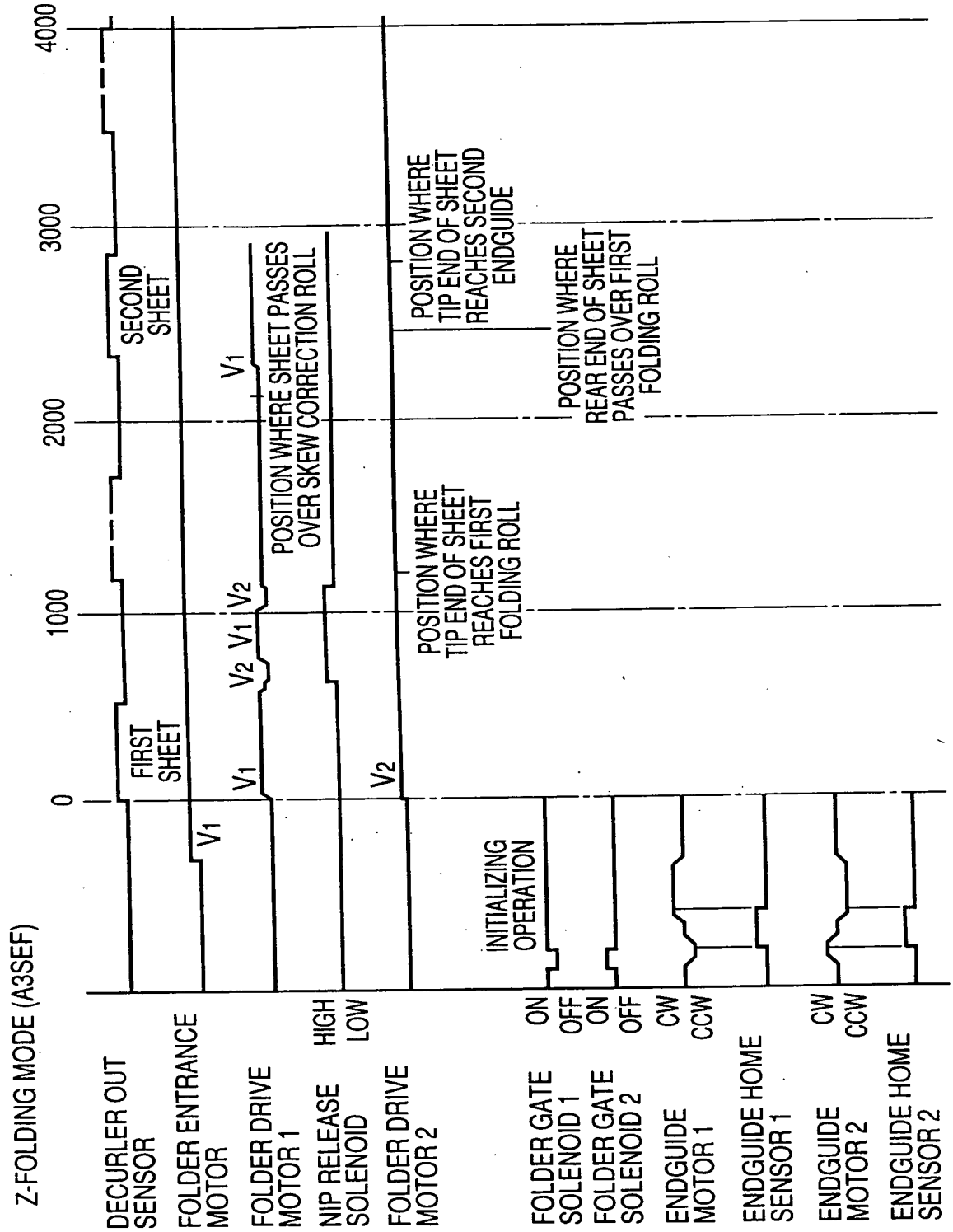


FIG. 20



**FIG. 21**

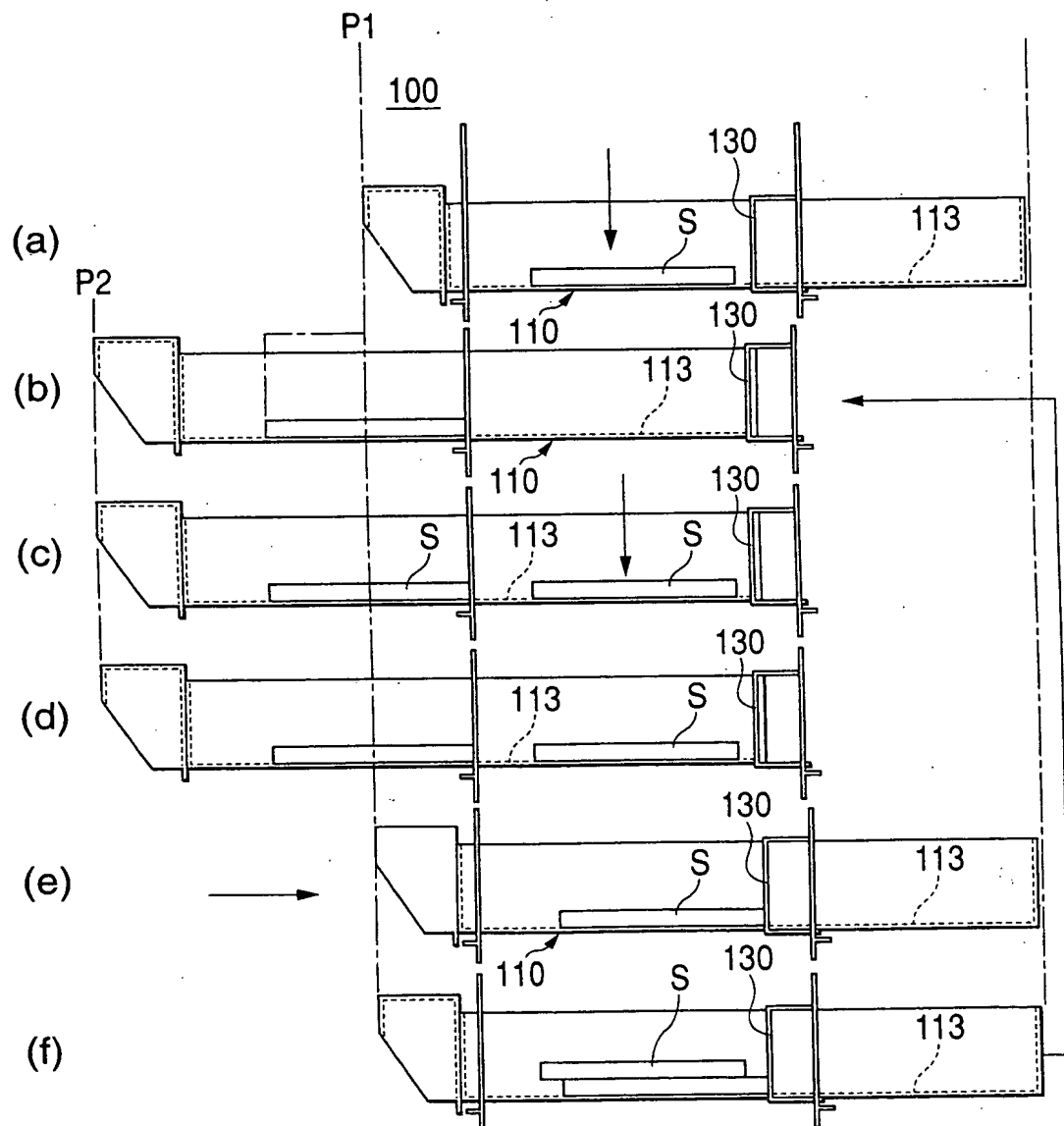


FIG. 22

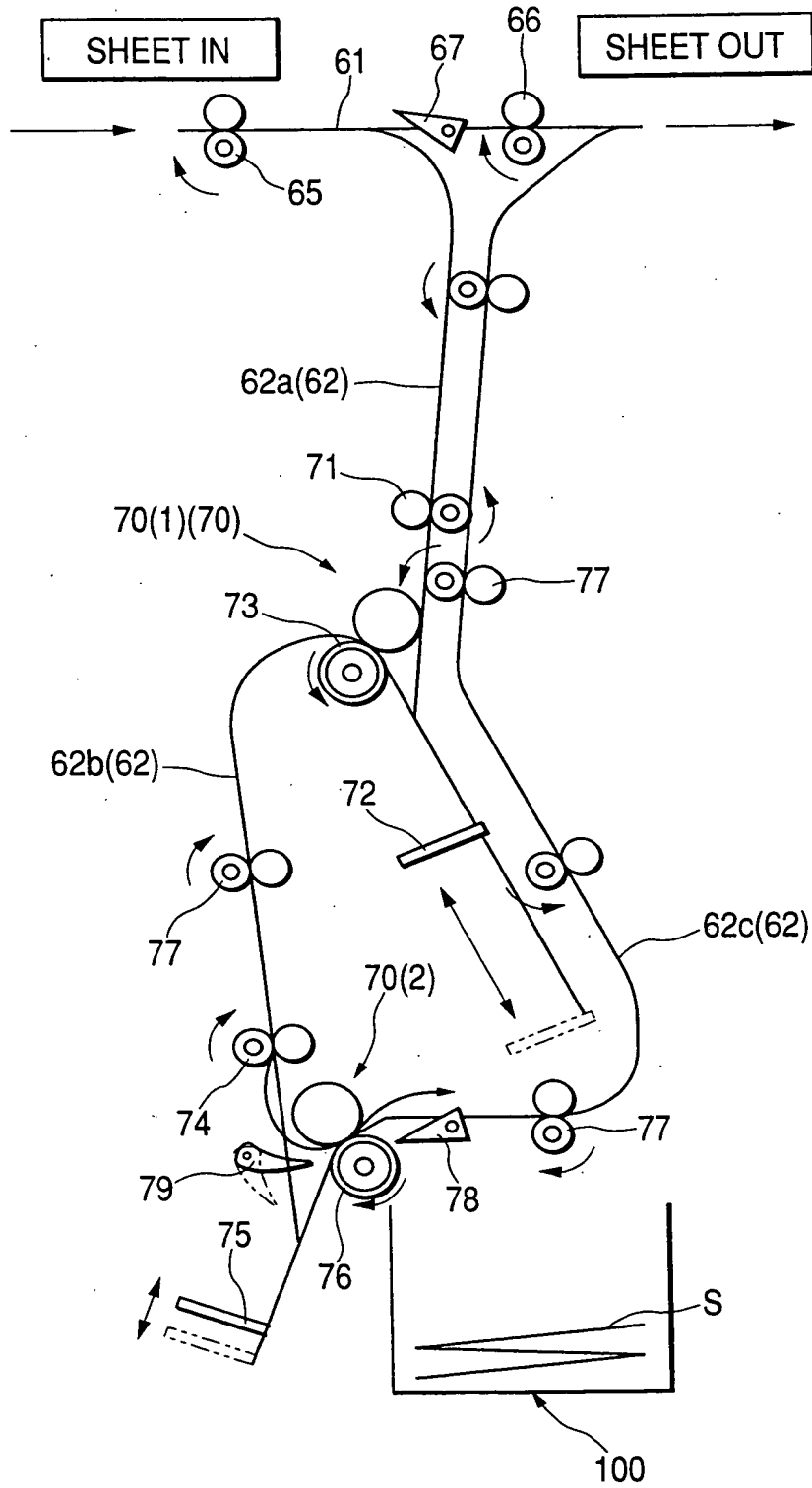


FIG. 23A  
RELATED ART

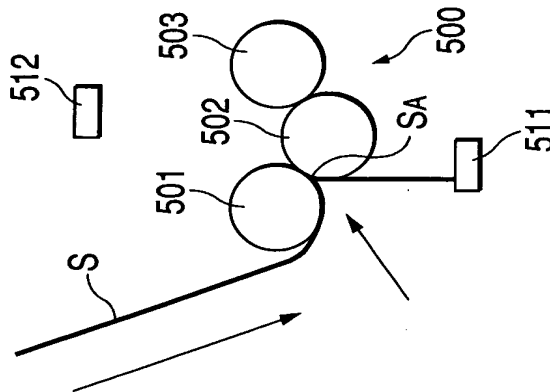


FIG. 23B  
RELATED ART

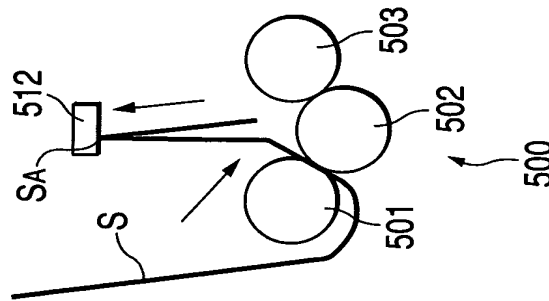


FIG. 23C  
RELATED ART

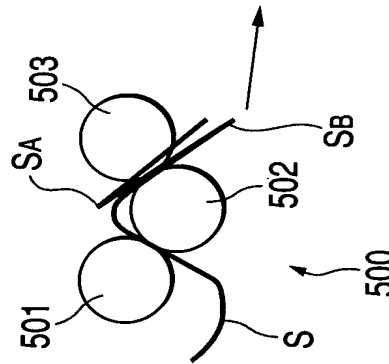


FIG. 23D  
RELATED ART

